

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097587.D
 Acq On : 11 Aug 2017 5:31
 Operator : SJ/JU
 Sample : I4664-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Aug 11 08:09:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

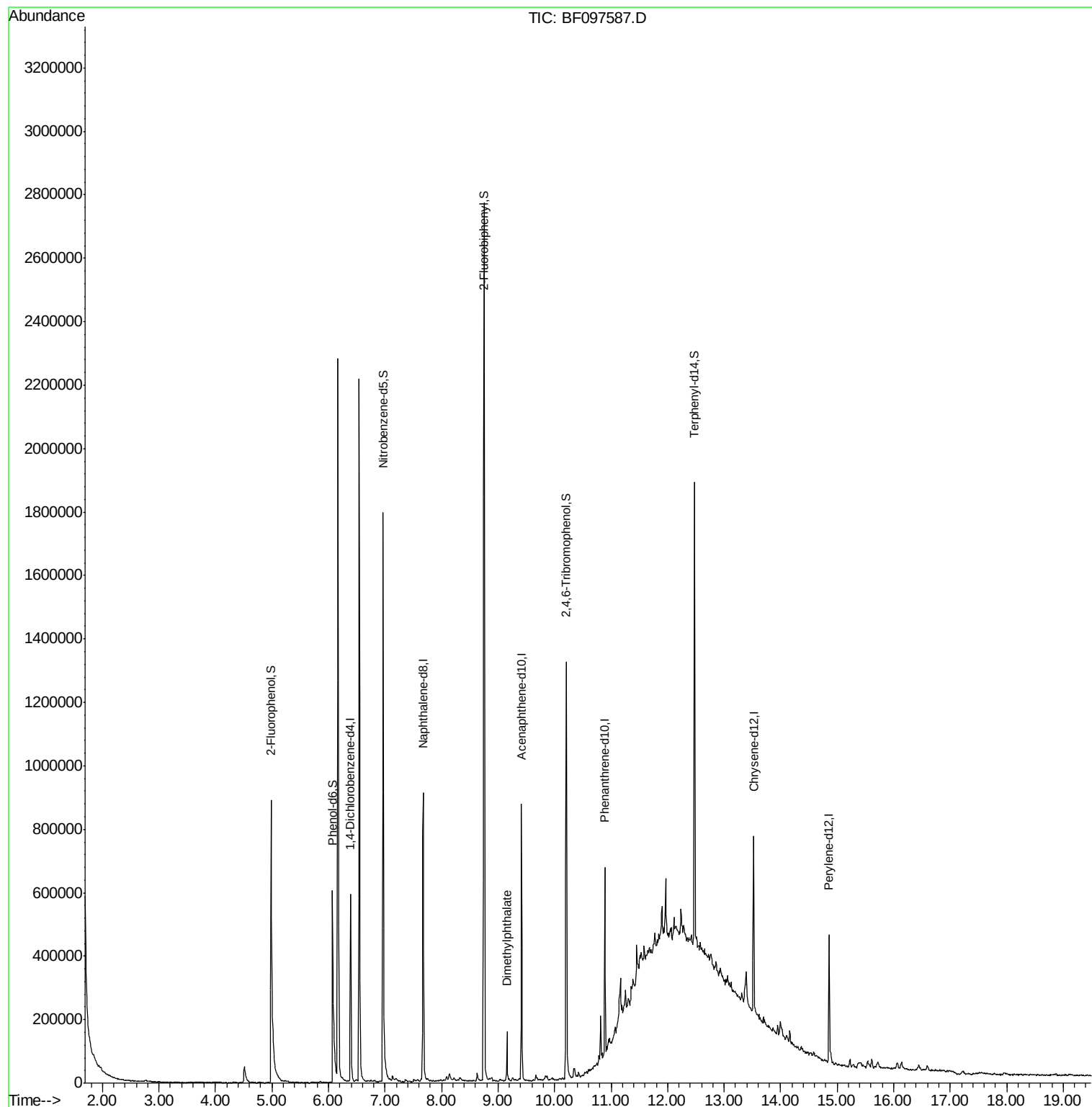
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	103508	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	450545	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	169485	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	225125	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	185462	20.00	ng	-0.02
86) Perylene-d12	14.86	264	156153	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.98	112	439666	64.03	ng	-0.02
7) Phenol-d6	6.07	99	338930	43.24	ng	-0.02
23) Nitrobenzene-d5	6.97	82	660044	85.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	160897	120.15	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	932030	93.33	ng	-0.02
78) Terphenyl-d14	12.47	244	494834	54.40	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.16	163	61257	4.760	ng	Qvalue 100

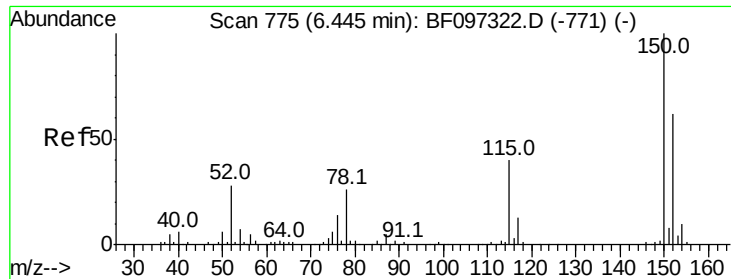
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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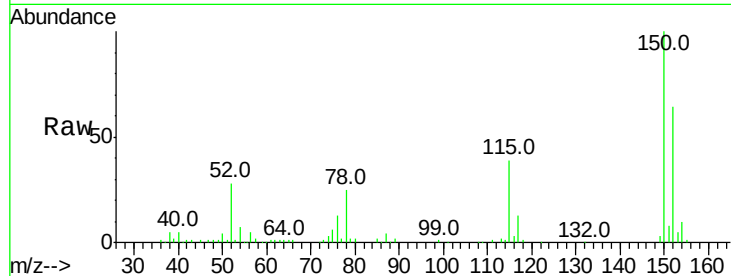


#1

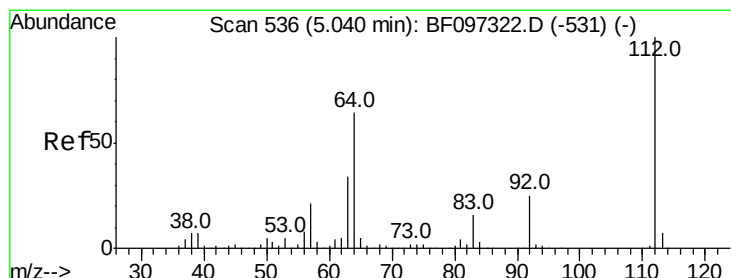
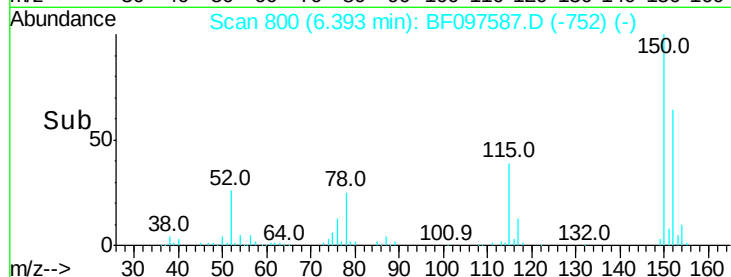
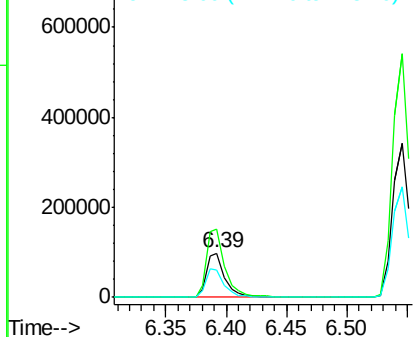
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097587.D
Acq: 11 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion:152 Resp: 103508
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 61.1 52.2 78.2



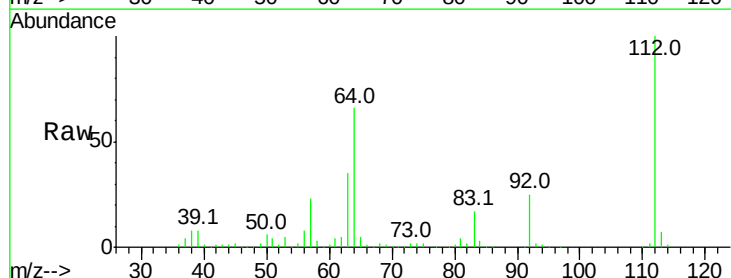
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



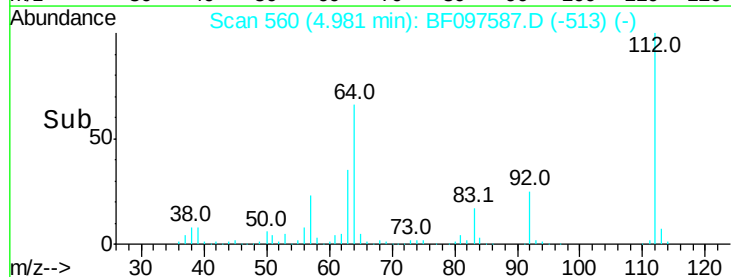
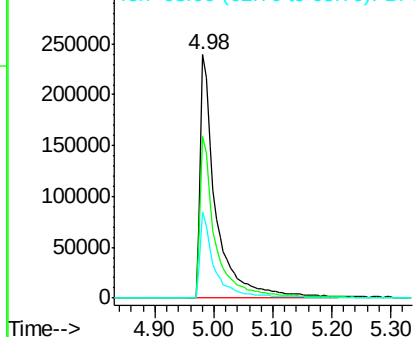
#5

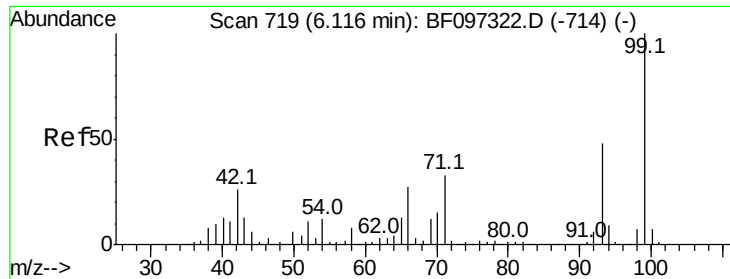
2-Fluorophenol
Concen: 64.033 ng
RT: 4.98 min Scan# 560
Delta R.T. -0.02 min
Lab File: BF097587.D
Acq: 11 Aug 2017 5:31

Tgt Ion:112 Resp: 439666
Ion Ratio Lower Upper
112 100
64 66.3 46.0 69.0
63 35.2 23.4 35.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.238 ng

RT: 6.07 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

Instrument :

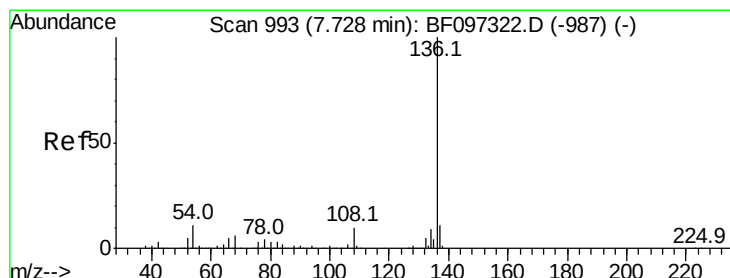
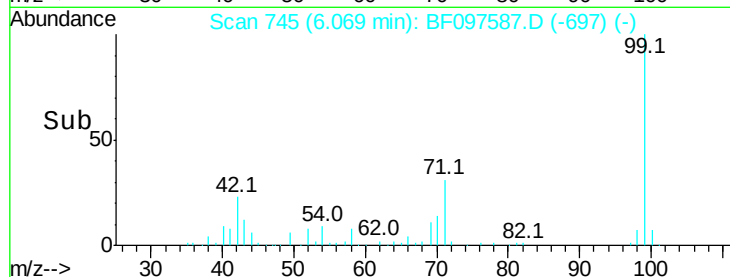
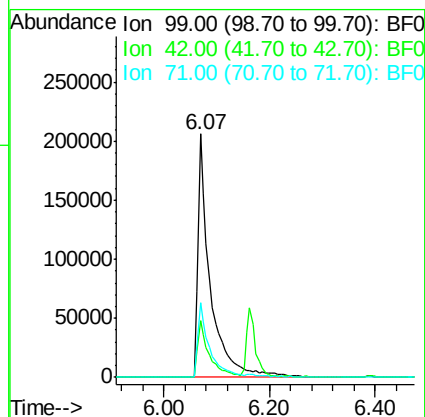
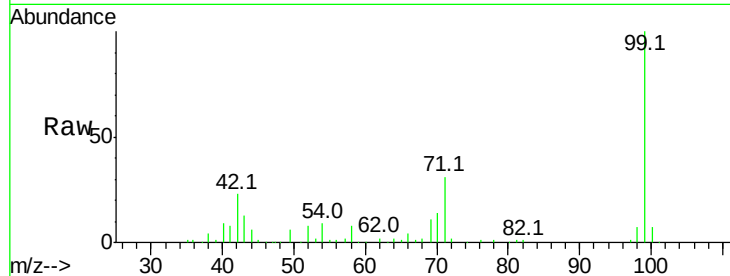
BNA_F

ClientSampleId :

DSN001

Tot Ion: 99 Resp: 338930

Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	30.8	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.67 min Scan# 1018

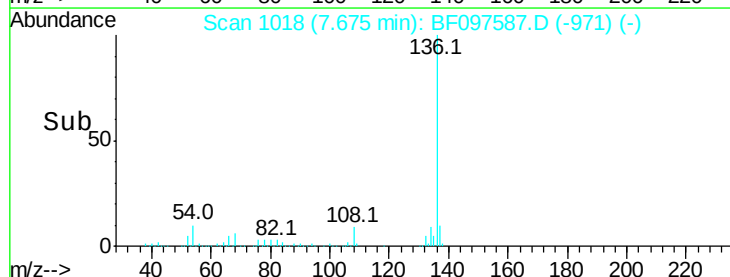
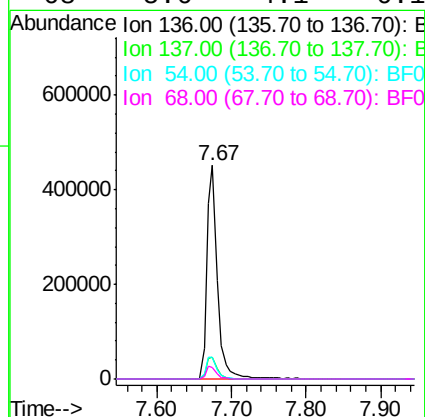
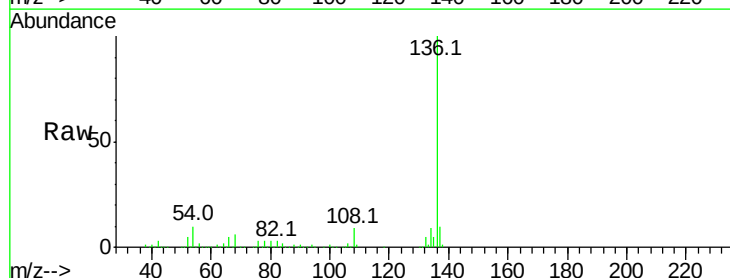
Delta R.T. -0.02 min

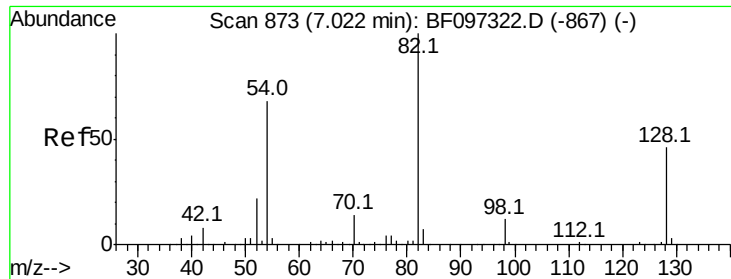
Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

Tgt Ion: 136 Resp: 450545

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	10.1	4.9	7.3#
68	5.6	4.1	6.1

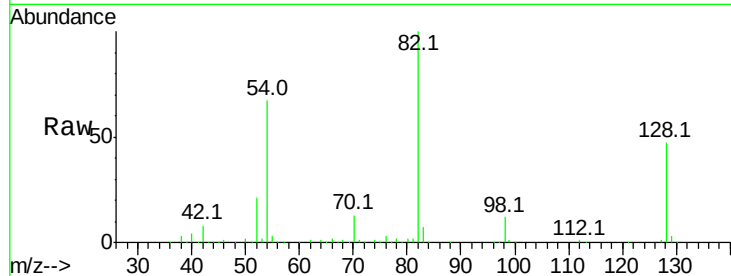




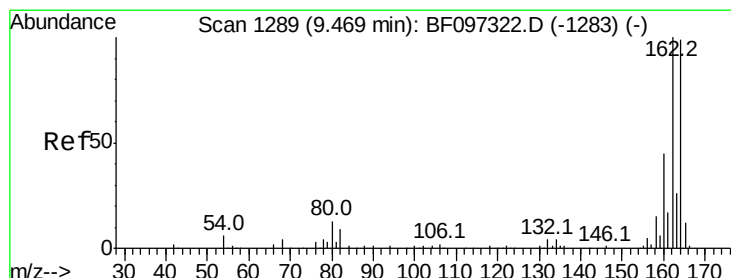
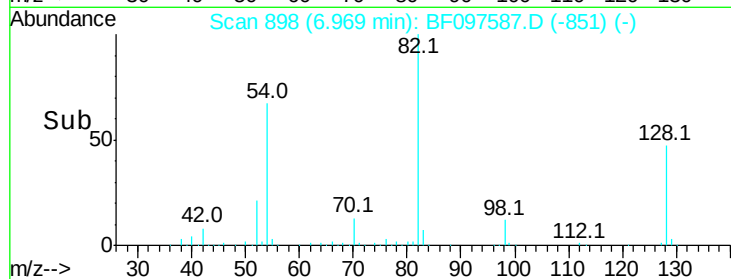
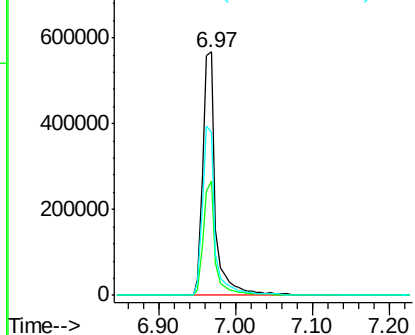
#23
Nitrobenzene-d5
Concen: 85.942 ng
RT: 6.97 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF097587.D
Acq: 11 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion: 82 Resp: 660044
Ion Ratio Lower Upper
82 100
128 47.1 34.0 51.0
54 66.7 42.2 63.2#

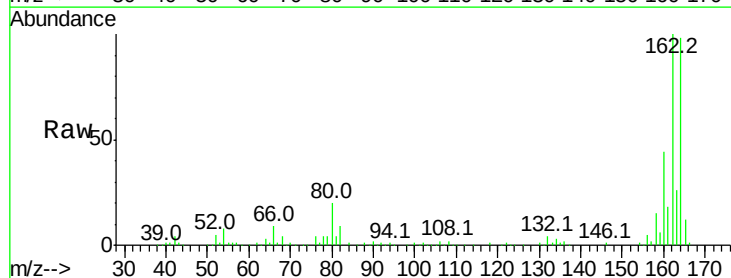


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

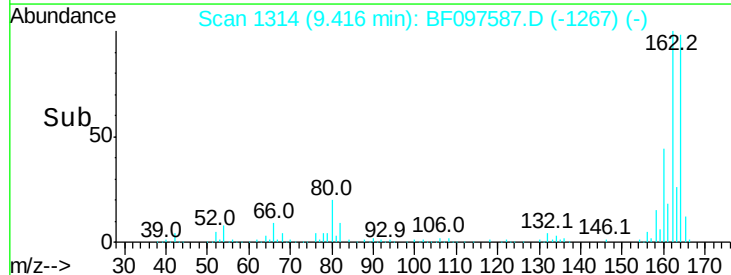
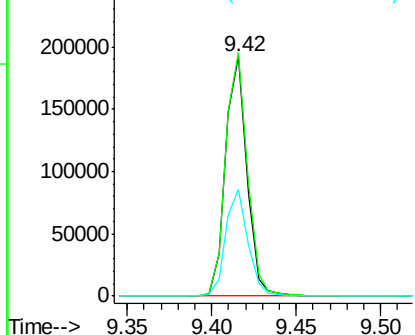


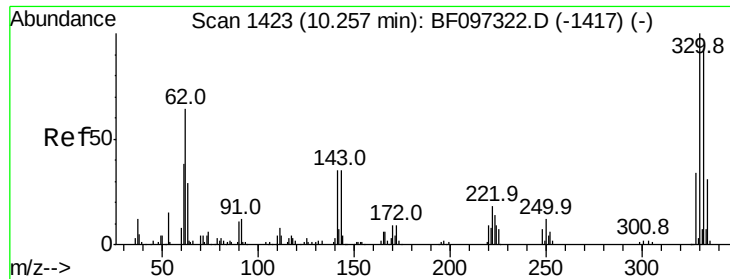
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.42 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF097587.D
Acq: 11 Aug 2017 5:31

Tgt Ion: 164 Resp: 169485
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 44.8 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

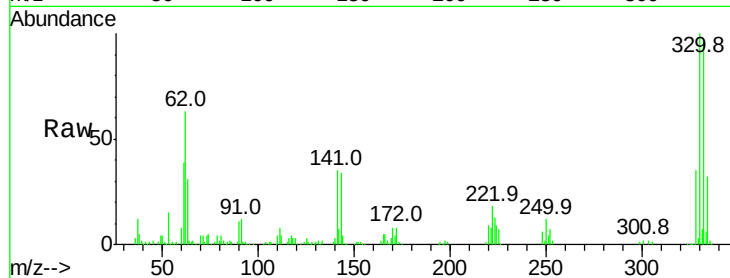




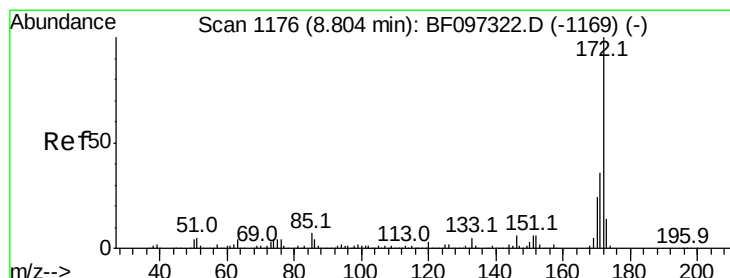
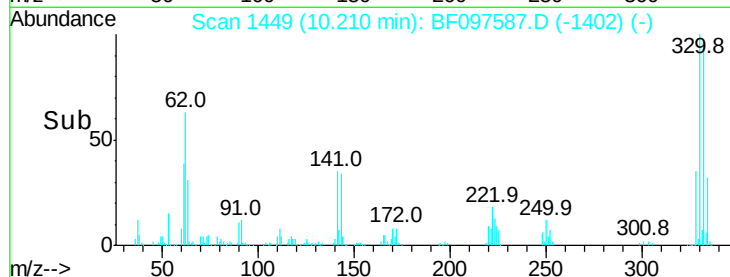
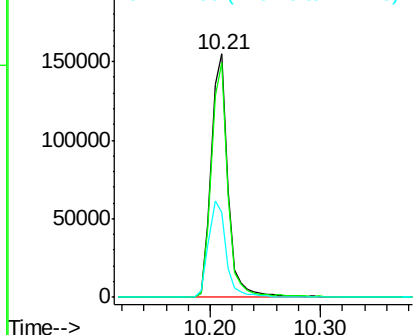
#41
 2,4,6-Tribromophenol
 Concen: 120.154 ng
 RT: 10.21 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF097587.D
 Acq: 11 Aug 2017 5:31

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	41.1	31.4	47.2

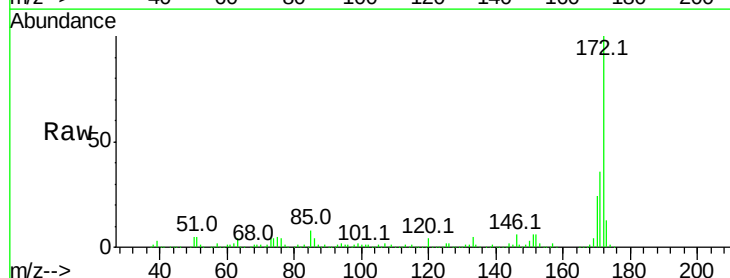


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

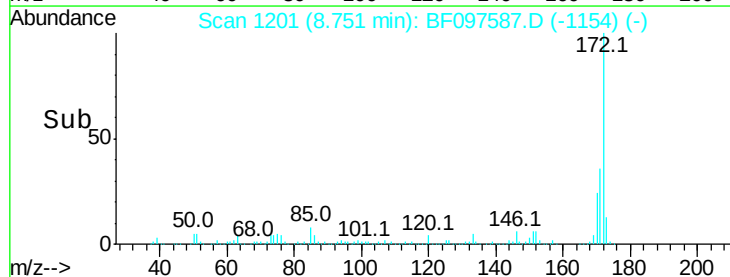
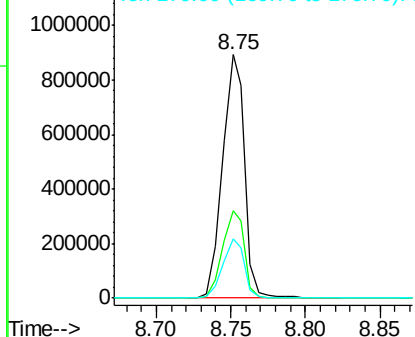


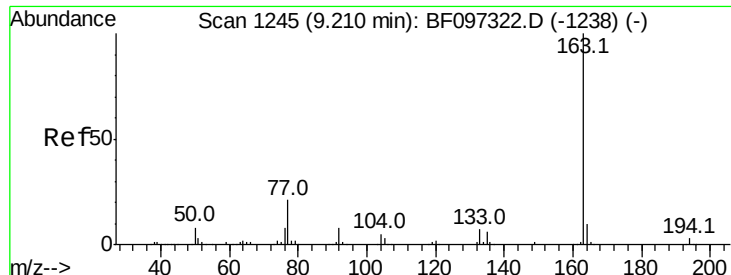
#44
 2-Fluorobiphenyl
 Concen: 93.327 ng
 RT: 8.75 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF097587.D
 Acq: 11 Aug 2017 5:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.4	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.760 ng

RT: 9.16 min Scan# 1270

Delta R.T. -0.03 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

Instrument :

BNA_F

ClientSampleId :

DSN001

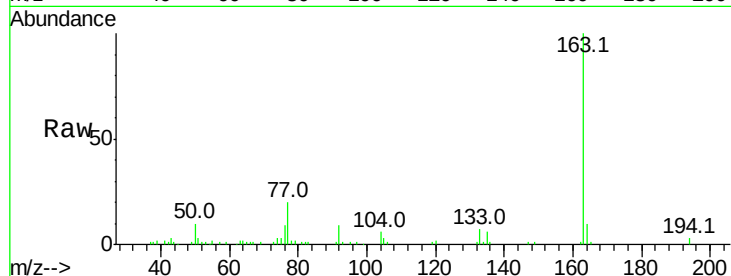
Tot Ion:163 Resp: 61257

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

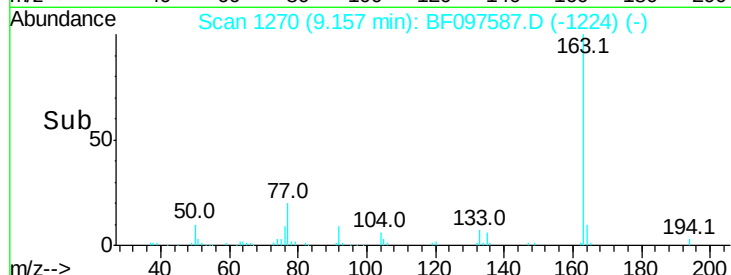
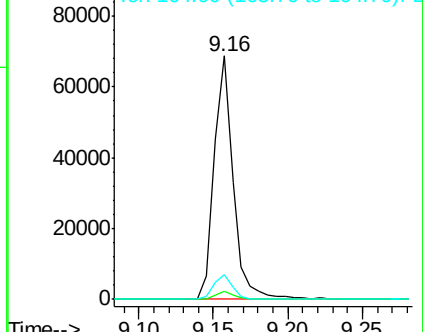
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.89 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

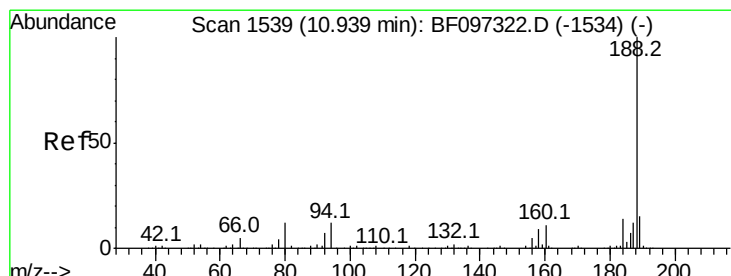
Tgt Ion:188 Resp: 225125

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

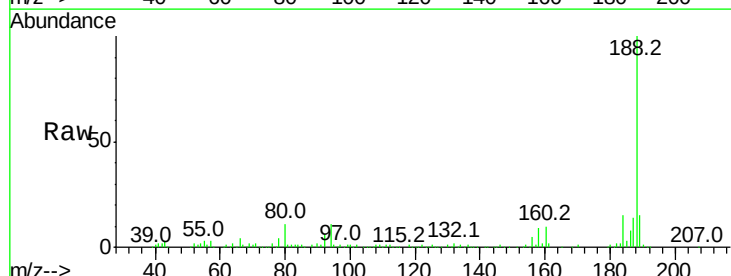
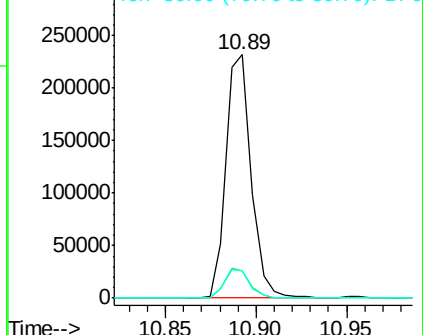
80 11.4 10.2 15.2

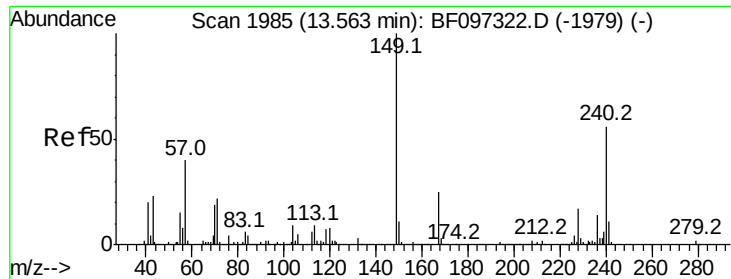


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.52 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

Instrument :

BNA_F

ClientSampleId :

DSN001

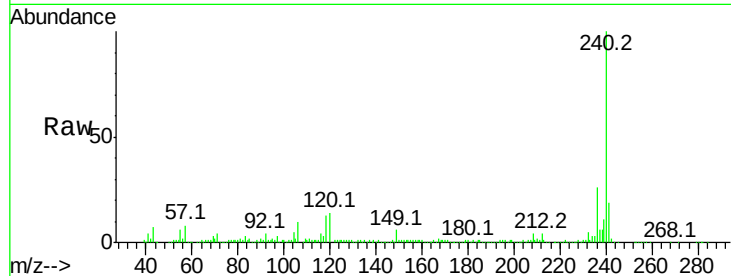
Tot Ion:240 Resp: 185462

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

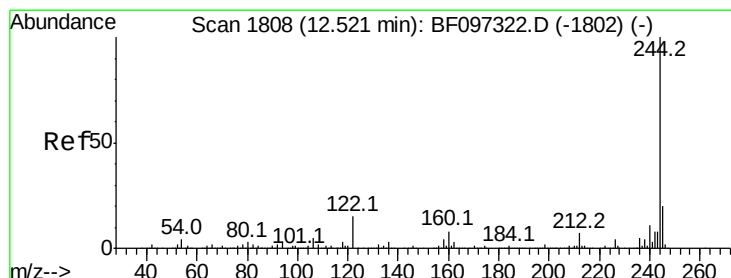
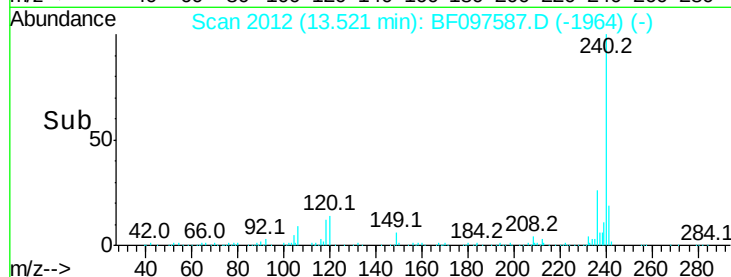
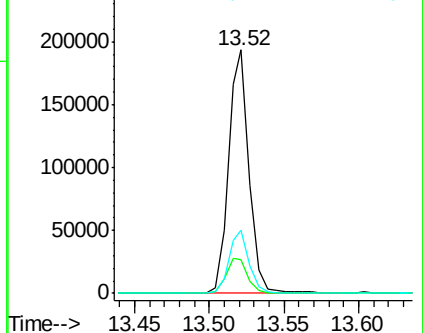
236 25.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 54.399 ng

RT: 12.47 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

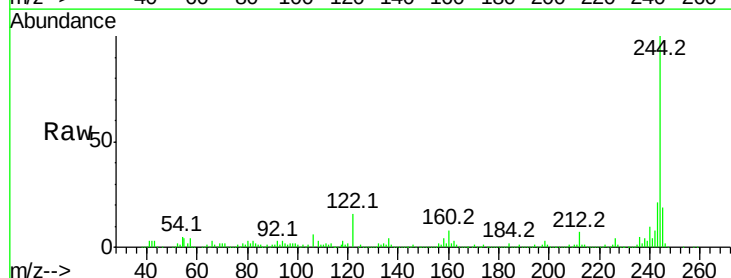
Tgt Ion:244 Resp: 494834

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

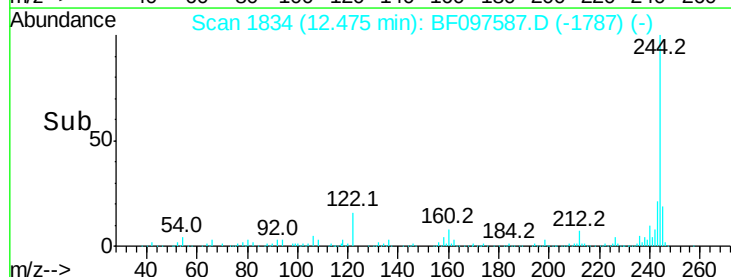
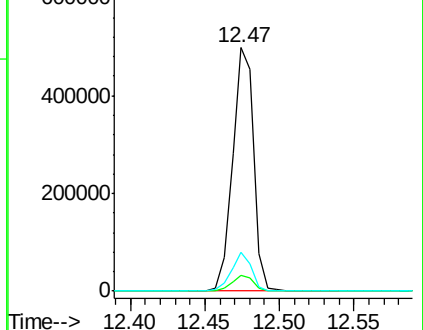
122 16.1 10.3 15.5#

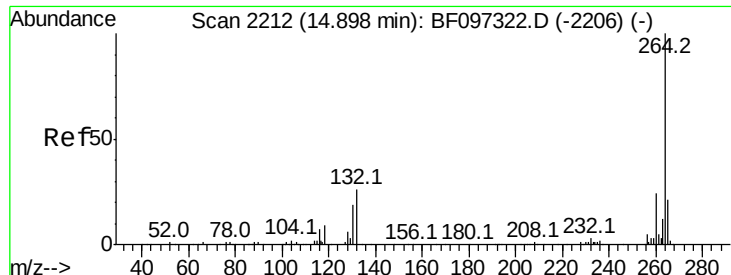


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

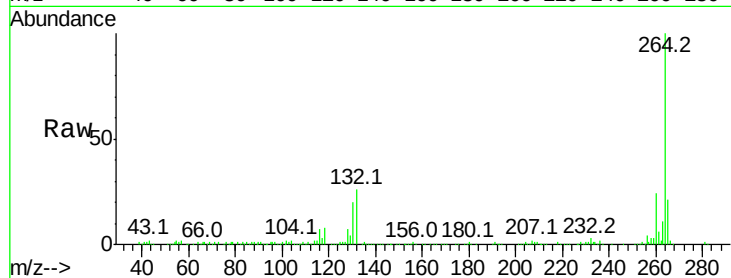




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF097587.D
 Acq: 11 Aug 2017 5:31

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.3	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

